

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A computer-readable storage medium having a program for use in a host computer having a function of displaying at a user interface a plurality of management information items expressing access status of a communication path for sending a data input/output request from said host computer to a storage device and returning result of the access request to said host computer, said storage device having a plurality of disk drives storing data sent from said host computer and a disk controller controlling to store data sent from said host computer to at least one logical volume corresponding to the plurality of disk drives, said communication path providing communication between a host port of said information processing device, a disk controller port of said disk controller, a communication cable connecting between said host port and said disk controller port, and a logical volume of said storage device, said program comprising:

code configured to operate a data processor in the host computer to update for  
~~updating~~ at least one of said management information items being displayed to express present access status of said communication path when detecting that access failure occurs at said communication path based on an access to said storage device, and/or updating at least one of said management information items being displayed when receiving from said user interface an input for updating said management information items being displayed;

code configured to operate the data processor to display for displaying  
information between a communication path ID of said communication path, a disk controller port ID of said disk controller port, a logical volume ID of said logical volume of said storage device, and state of said communication path indicating off-line or on-line; and

code configured to operate the data processor to change the for changing display  
contents concerned with the state of said communication path from said on-line state into said  
off-line state in which failure has occurred among displayed plurality of communication paths

26 based on receiving failure information from said storage device, while a failure has occurred in  
27 any one of said displayed plurality of communication paths, wherein said communication path  
28 comprises the host port of said information processing device, the communication cable  
29 connected to the host port, and the disk controller port of the disk controller to which the  
30 communication cable is also connected.

2. (canceled)

1 3. (previously presented) The computer-readable storage medium according  
2 to claim 1, wherein in accordance with an input for updating said management information items  
3 being displayed, all of said management information items being displayed or part of said  
4 management information items being displayed is updated to express present access status of a  
5 communication path.

1 4. (previously presented) The computer-readable storage medium according  
2 to claim 3, wherein said part of said management information items to be updated includes at  
3 least one of an execution number of data input/output as performed between said storage device  
4 and said host computer and a number indicative of access failure occurred at said communication  
5 path in proper execution of said data input/output.

1 5. (currently amended) A host computer having a function of displaying at a  
2 user interface a plurality of management information items concerning access status of a  
3 communication path for sending a data input/output request from said host computer to a storage  
4 device and returning result of access to said host computer, said storage device having a plurality  
5 of disk drives storing data sent from said host computer and a disk controller controlling to store  
6 data sent from said host computer to at least one logical volume corresponding to the plurality of  
7 disk drives, said host computer comprising:  
8 a host port which is in communication, via said communication path, with a disk  
9 controller port of said disk controller, a communication cable connecting between said host port  
10 and said disk controller port, and a logical volume of said storage device,

11 a controller configured to update at least one of said management information  
12 items being displayed to express present access status of said communication path when  
13 detecting that access failure occurs at said communication path based on an access to said  
14 storage device, and/or to update at least one of said management information items being  
15 displayed when receiving from said user interface an input for updating said management  
16 information items being displayed;

17 wherein said management information items include a communication path ID of  
18 said communication path, a disk controller port ID of said disk controller port, a logical volume  
19 ID of said logical volume of said storage device, and state of said communication path indicating  
20 off-line or on-line; and

21 wherein said controller is configured to change a display of the state of said  
22 communication path from said on-line state into said off-line state in which failure has occurred  
23 among displayed plurality of communication paths based on receiving failure information from  
24 said storage device, while a failure has occurred in any one of said displayed plurality of  
25 communication paths, wherein said communication path comprises the host port of said  
26 information processing device, the communication cable connected to the host port, and the disk  
27 controller port of the disk controller to which the communication cable is also connected.

6. (canceled)

1 7. (previously presented) The host computer according to claim 5, wherein  
2 in accordance with an input for updating said management information items being displayed, all  
3 of said management information items being displayed or part of said management information  
4 items being displayed is updated.

1 8. (previously presented) The host computer according to claim 7, wherein  
2 said part of said management information items to be updated includes at least one of an  
3 execution number of data input/output as performed between said storage device and said host  
4 computer and a number indicative of access failure occurring at said communication path in  
5 proper execution of said data input/output.

1                   9.       (currently amended) A control method of a host computer having a  
2   function of displaying at a user interface a plurality of management information items  
3   concerning access status of a communication path for sending a data input/output request from  
4   said host computer to a storage device and returning result of the request to said host computer,  
5   said storage device having a plurality of disk drives storing data sent from said host computer  
6   and a disk controller controlling to store data sent from said host computer to at least one logical  
7   volume corresponding to the plurality of disk drives, said communication path providing  
8   communication between a host port of said information processing device, a disk controller port  
9   of said disk controller, a communication cable connecting between said host port and said disk  
10   controller port, and a logical volume of said storage device, said method comprising:  
11                    updating at least one of said management information items being displayed to  
12   express present access status of said communication path when detecting that access failure  
13   occurs at said communication path based on an access to said storage device, and/or updating at  
14   least one of said management information items being displayed when receiving from said user  
15   interface an input for updating said management information items being displayed;  
16                    displaying information between a communication path ID of said communication  
17   path, a disk controller port ID of said disk controller port, a logical volume ID of said logical  
18   volume of said storage device, and state of said communication path indicating off-line or on-  
19   line; and  
20                    changing display of contents concerned with the state of said communication path  
21   from said on-line state into said off-line state in which failure has occurred among displayed  
22   plurality of communication paths based on receiving failure information from said storage  
23   device, while a failure has occurred in any one of said displayed plurality of communication  
24   paths, wherein each of said communication paths comprises the host port of said information  
25   processing device, the communication cable connected to the host port, and the disk controller  
26   port of the disk controller to which the communication cable is also connected.

10.       (canceled)

1                   11.     (previously presented) The control method according to claim 9, wherein  
2     in accordance with an input for updating said management information items being displayed, all  
3     of said management information items being displayed or part of said management information  
4     items being displayed is updated.

1                   12.     (previously presented) The control method according to claim 11,  
2     wherein said part of said management information items to be updated includes at least one of an  
3     execution number of data input/output as performed between said storage device and said host  
4     computer and a number indicative of access failure occurring at said communication path in  
5     proper execution of said data input/output.

1                   13.     (previously presented) The computer-readable storage medium according  
2     to claim 1, wherein the state of said communication path is changed in real time based on  
3     receiving failure information from said storage device.

1                   14.     (previously presented) The host computer according to claim 5, wherein  
2     the state of said communication path is changed in real time based on receiving failure  
3     information from said storage device.

                  15.     (previously presented) The control method according to claim 9, wherein  
the state of said communication path is changed in real time based on receiving failure  
information from said storage device.